

INTERNATIONAL JOURNAL OF LITERATURE

International Application No.

IB2004/050316

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03D13/00 H03L7/089

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03D H03L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/031028 A1 (VAUCHER CICERO SILVEIRA) 18 October 2001 (2001-10-18) paragraph '0024! - paragraph '0031!; figures 2-5a	1,8-11
X	SAVOJ J ET AL: "Design of half-rate clock and data recovery circuits for optical communication systems" PROCEEDINGS OF THE 38TH. ANNUAL DESIGN AUTOMATION CONFERENCE. (DAC). LAS VEGAS, NV, JUNE 18 - 22, 2001, PROCEEDINGS OF THE DESIGN AUTOMATION CONFERENCE, NEW YORK, NY : ACM, US, vol. CONF. 38, 18 June 2001 (2001-06-18), pages 121-126, XP010552368 ISBN: 1-58113-297-2	1,8-11
A	page 122, column 2.2.2 - page 125, column 3.2.2.; figures 4-11	2-7

X Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

Date of mailing of the international search report

23 July 2004

29/07/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/135400 A1 (LIU HUNG-CHIH ET AL) 26 September 2002 (2002-09-26)	1,8-11
A	paragraph '0007!; figures 2,3 paragraph '0019! - paragraph '0025! -----	2-7
A	US 5 619 171 A (RIJCKAERT ALBERT M A ET AL) 8 April 1997 (1997-04-08) figures 2,6 -----	1-11
A	US 5 712 580 A (BAUMGARTNER STEVEN JOHN ET AL) 27 January 1998 (1998-01-27) cited in the application column 2, line 34 - column 3, line 48; figure 1 -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/050316

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 2001031028	A1	18-10-2001	WO	0167612 A1	13-09-2001
			EP	1183781 A1	06-03-2002
			JP	2003526984 T	09-09-2003
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